

## SEQUENCE LISTING

<110> Tonen Corporation  
 <120> Method for Measurement of hepatitis C virus  
 <130> G902  
 <150> JP-10-216094  
 <151> 1998-07-30  
 <160> 9  
 <210> 1  
 <211> 177  
 <212> PRT  
 <213> Hepatitiv virus

<400> 1  
 Met Lys Ala Ile Phe Val Leu Lys Gly Ser Leu Asp Arg Asp Pro Glu  
 1 5 10 15  
 Phe Met Gly Thr Asn Pro Lys Pro Gln Arg Lys Thr Lys Arg Asn Thr  
 20 25 30  
 Asn Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val  
 35 40 45  
 Gly Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg  
 50 55 60  
 Ala Thr Arg Lys Thr Ser Lys Arg Ser Gln Pro Arg Gly Gly Arg Arg  
 65 70 75 80  
 Pro Ile Pro Lys Asp Arg Arg Ser Thr Gly Lys Ser Trp Gly Lys Pro  
 85 90 95  
 Gly Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Leu Gly Trp Ala Gly  
 100 105 110  
 Trp Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp  
 115 120 125

00922201 64460550

Pro Arg His Arg Ser Arg Asn Val Gly Lys Val Ile Asp Thr Leu Thr  
130 135 140  
Cys Gly Phe Ala Asp Leu Met Gly Tyr Ile Phe Arg Val Gly Ala Phe  
145 150 155 160  
Leu Gly Gly Ala Ala Arg Ala Leu Ala His Gly Val Arg Val Leu Glu  
165 170 175

Asp

<210> 2  
<211> 160  
<212> PRT  
<213> Hepatitiv virus

<400> 2  
Met Gly Thr Asn Pro Lys Pro Gln Arg Lys Thr Lys Arg Asn Thr Asn  
1 5 10 15  
Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly  
20 25 30  
Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala  
35 40 45  
Thr Arg Lys Thr Ser Lys Arg Ser Gln Pro Arg Gly Gly Arg Arg Pro  
50 55 60  
Ile Pro Lys Asp Arg Arg Ser Thr Gly Lys Ser Trp Gly Lys Pro Gly  
65 70 75 80  
Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Leu Gly Trp Ala Gly Trp  
85 90 95  
Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp Pro  
100 105 110  
Arg His Arg Ser Arg Asn Val Gly Lys Val Ile Asp Thr Leu Thr Cys  
115 120 125  
Gly Phe Ala Asp Leu Met Gly Tyr Ile Phe Arg Val Gly Ala Phe Leu  
130 135 140  
Gly Gly Ala Ala Arg Ala Leu Ala His Gly Val Arg Val Leu Glu Asp  
145 150 155 160

<210> 3  
<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 3

Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly Gly Val Tyr Leu

1

5

10

15

Leu Pro Arg Arg

20

<210> 4

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 4

Gly Pro Arg Leu Gly Val Arg Ala Thr Arg

1

5

10

<210> 5

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 5

Pro Arg Gly S A P Ser Thr Gl Pro Thr Asp Pro Arg His Arg

20

$\langle 211 \rangle$       20

<213> Artificial Sequence

**<220>**

**<230>**

Asp Pro Arg His Arg Ser Arg Asn Val Gly Lys Val Lle Asp Thr Leu

1

5

10

15

20

**<211>            24**

<213> Artificial Sequence

**<220>      Probe**

<230>      ~~Synthetic~~ DNA,

gaattcatgg gcacgaatgc taaa

$$\langle 211 \rangle \quad / \quad 21$$

<213> Artificial Sequence

<220>      Probe

24

086947-0320

21

21

<213> Artificial Sequence

**<230>**

Thr Asn Arg Arg Pro Gln Asp Val / Lys Phe Pro Gly Gly Gly Gln Ile  
1 5 10 15

<213> Artificial/Sequence

<230> Nucleotide sequence coding for chimeric antigen

gaa ttc acc aaa gtg ccg gtt gct tat gcg gcc aaa ggt tat aag gtc 48  
Glu Phe Thr Lys Val Pro Val Ala Tyr Ala Ala Lys Gly Tyr Lys Val

			5						10				15			
ctg	gtt	ctg	gac	ccg	agc	gtt	gcc	agc	acc	ctg	ggt	ttc	ggc	gcg	tat	96
Leu	Val	Leu	Asp	Pro	Ser	Val	Ala	Ser	Thr	Leu	Gly	Phe	Gly	Ala	Tyr	
			20					25					30			
ctg	agc	aag	gcc	cat	ggt	gtg	aac	ccg	aac	atc	cgc	acg	ggc	atc	cgt	144

Leu Ser Lys Ala His Gly Val Asn Pro Asn Ile Arg Thr Gly Ile Arg	
35 40 45	
acc gtt acc acc ggt gct ccg gtg acc tat tcc acc tac ggt aaa tac	192
Thr Val Thr Thr Gly Ala Pro Val Thr Tyr Ser Thr Tyr Gly Lys Tyr	
50 55 60	
ctg gcg gac ggc ggt tgc gcc ggc ggt gcg tac gat gtg atc gga tct	240
Leu Ala Asp Gly Gly Cys Ala Gly Gly Ala Tyr Asp Val Ile Gly Ser	
65 70 75 80	
gga gag gag gtg gcc ctg tct aac act gga gag gtc ccc ttc tat ggc	288
Gly Glu Glu Val Ala Leu Ser Asn Thr Gly Glu Val Pro Phe Tyr Gly	
85 90 95	
cgc gcg atc ccg atc gaa gcg atc aaa ggc ggt cgc cat ctg gtt ttc	336
Arg Ala Ile Pro Ile Glu Ala Ile Lys Gly Gly Arg His Leu Val Phe	
100 105 110	
tgc cat agc aag gag aaa tgc gat gaa ctg gcg agc gcg ctg tcc gga	384
Cys His Ser Lys Glu Lys Cys Asp Glu Leu Ala Ser Ala Leu Ser Gly	
115 120 125	
ttg ggt ctg aac gct gtg gca ttc tat cgc ggt ctg gac gtg agc att	432
Leu Gly Leu Asn Ala Val Ala Phe Tyr Arg Gly Leu Asp Val Ser Ile	
130 135 140	
atc ccg acc cag ggc gat gtg gtt atc gtt agc acc gat gcg ctg atg	480
Ile Pro Thr Gln Gly Asp Val Val Ile Val Ser Thr Asp Ala Leu Met	
145 150 155 160	
acc ggt ttt acc ggc gat ttt gac tca gtg gtc gac tgt aac aca tgc	528
Thr Gly Phe Thr Gly Asp Phe Asp Ser Val Val Asp Cys Asn Thr Cys	
165 170 175	
atc acc cag gga tct gga ctg gta agc ttc gcg agc cat gtg ccg tac	576
Ile Thr Gln Gly Ser Gly Leu Val Ser Phe Ala Ser His Val Pro Tyr	
180 185 190	
atc gag cag ggt atg caa ctg agc gaa caa ttt aag cag aag agc ctg	624
Ile Glu Gln Gly Met Gln Leu Ser Glu Gln Phe Lys Gln Lys Ser Leu	
195 200 205	
ggt ctg ctg cag acc gcg acc aaa cag gcg gag gcg gcc gcc ccg gtg	672
Gly Leu Leu Gln Thr Ala Thr Lys Gln Ala Glu Ala Ala Pro Val	
210 215 220	
gtt ggc acc ccg aaa agc cgc cgt ccg gaa ggt cgt gcc tgg gcg caa	720



<220>

<230> Amino acid sequence of chimeric antigen

<400> 11

Glu Phe Thr Lys Val Pro Val Ala Tyr Ala Ala Lys Gly Tyr Lys Val  
5 10 15  
Leu Val Leu Asp Pro Ser Val Ala Ser Thr Leu Gly Phe Gly Ala Tyr  
20 25 30  
Leu Ser Lys Ala His Gly Val Asn Pro Asn Ile Arg Thr Gly Ile Arg  
35 40 45  
Thr Val Thr Thr Gly Ala Pro Val Thr Tyr Ser Thr Tyr Gly Lys Tyr  
50 55 60  
Leu Ala Asp Gly Gly Cys Ala Gly Gly Ala Tyr Asp Val Ile Gly Ser  
65 70 75 80  
Gly Glu Glu Val Ala Leu Ser Asn Thr Gly Glu Val Pro Phe Tyr Gly  
85 90 95  
Arg Ala Ile Pro Ile Glu Ala Ile Lys Gly Gly Arg His Leu Val Phe  
100 105 110  
Cys His Ser Lys Glu Lys Cys Asp Glu Leu Ala Ser Ala Leu Ser Gly  
115 120 125  
Leu Gly Leu Asn Ala Val Ala Phe Tyr Arg Gly Leu Asp Val Ser Ile  
130 135 140  
Ile Pro Thr Gln Gly Asp Val Val Ile Val Ser Thr Asp Ala Leu Met  
145 150 155 160  
Thr Gly Phe Thr Gly Asp Phe Asp Ser Val Val Asp Cys Asn Thr Cys  
165 170 175  
Ile Thr Gln Gly Ser Gly Leu Val Ser Phe Ala Ser His Val Pro Tyr  
180 185 190  
Ile Glu Gln Gly Met Gln Leu Ser Glu Gln Phe Lys Gln Lys Ser Leu  
195 200 205  
Gly Leu Leu Gln Thr Ala Thr Lys Gln Ala Glu Ala Ala Ala Pro Val  
210 215 220  
Val Gly Thr Pro Lys Ser Arg Arg Pro Glu Gly Arg Ala Trp Ala Gln  
225 230 235 240



